

Active Recombinant Human IL17RA&IL17RC protein, Fc-tagged

Cat. No. IL17RA&IL17RC-1628H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17RA&IL17RC protein(Leu33-Trp320(IL-17RA)&Leu21-His465(IL-17RC)), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	33-320;21-465 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IL-17A&IL-17F Heterodimer Protein, His Tag&Strep II Tag at 2 µg/mL (100 µL/well) can bind Human IL17RA&IL17RC Protein, Fc Tag&Fc Tag with a linear range of 1-20 ng/mL. Immobilized Human IL17A, Tag Free at 2 µg/mL (100 µL/well) can bind Human IL17RA&IL17RC Protein, Fc Tag&Fc Tag with a linear range of 0.6-10 ng/mL. Immobilized Human IL-17F (H161R), His Tag at 2 µg/mL (100 µL/well) can bind Human IL17RA&IL17RC Protein, Fc Tag&Fc Tag with a linear range of 1-39 ng/mL.
Molecular Mass	Human IL17RA&IL17RC Protein, Fc Tag&Fc Tag is produced by co-expression of IL-17RA and IL-17RC, has a calculated MW of 60.0 kDa (IL-17RA) & 75.7 kDa (IL-17RC). Subunit IL-17RA is fused with a human IgG1 Fc tag at the C-terminus and subunit IL-17RC is fused with a human IgG1 Fc tag at the C-terminus. The reducing

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	(R) heterodimer protein migrates as 80-90 kDa and 100-110 kDa due to glycosylation.
Proteinlength	Leu33-Trp320(IL-17RA)&Leu21-His465(IL-17RC)
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL17RA interleukin 17 receptor A [Homo sapiens]
Official Symbol	IL17RA
Synonyms	IL17RA; interleukin 17 receptor A; IL17R, interleukin 17 receptor; interleukin-17 receptor A; CD217; CDw217; hIL 17R; IL 17RA; IL-17 receptor A; IL17R; CANDF5; IL-17RA; hIL-17R; FLJ32274; FLJ36453; MGC10262;
Gene ID	23765
mRNA Refseq	NM_014339
Protein Refseq	NP_055154

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MIM	605461
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UniProt ID	Q96F46
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